

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: NORTHERN ILLINOIS GAS CO.	Operator ID#: 13710
Inspection Date(s): 10/30/2012, 10/31/2012	Man Days: 2
Inspection Unit: Rockford	
Location of Audit: Rockford	
Exit Meeting Contact: Treves Williams	
Inspection Type: Standard Inspection - Field Audit	
Pipeline Safety Representative(s): Charles Gribbins	
Company Representative to Receive Report: Leticia Quezada	
Company Representative's Email Address: lquezad@aglresources.com	

Headquarters Address Information:	P. O. Box 190 Rt. 59 & I-88 Aurora, IL 60507 Emergency Phone#: Fax#:	
Official or Mayor's Name:	Ralph Cleveland Phone#: (000) 000-0000 Email:	
Inspection Contact(s)	Title	Phone No.
Treves Williams	System Operations Supervisor	

CUSTOMER METER & REGULATOR	Status
<u>Category Comment:</u> <i>Meters were inspected at the following locations:</i> Old Navy Store 2 meters 6241 E State Street 2 meters 6449 E State Street 3 meters 6565 Lexus Drive 5 meters 641 High Grove Place 7 meters 7326 Cherry Vale Mall Road 5 meters 7360 Cherry Vale Mall 7200 Harris Avenue 2 meters at this location staff found a coating problem. HHGREGG 1 meter ROSS 1 meter Best Buy 1 meter Hooters 1 meter Home Depo 1 meter Schuncks 1 meter 6380 State Street 1 meter	

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6320 State Street Pet Smart 1 meter
6260 State Street 1 meter

192.353(a)	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	Satisfactory
192.355(b)(1)	Is the customer regulator vent rain and insect resistant?	Satisfactory
192.355(b)(2)	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	Satisfactory
192.355(b)(3)	Is the vent protected from damage caused by submergence in areas of flooding?	Not Applicable

General Comment:

Staff inspected meter sets in commercial areas and did not find any meters that were in areas prone to flooding.

192.357(a)	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	Satisfactory
192.357(d)	Is a customer regulator that might release gas vented to the outside atmosphere?	Not Applicable

General Comment:

All meters were found to be placed outside and if failed or leaked would vent to atmosphere.

192.359(a)	Is the meter operating pressure within the allowable limits of the meter case rating?	Satisfactory
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General Comment:

Staff noted the pressure rating on the meters inspected 5#, 10#, & 20#

192.365(a)	Is the service line valve upstream of the regulator or meter?	Satisfactory
192.365(c)	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	Not Applicable

General Comment:

Staff did not observe any valves in curb boxes or standpipes.

192.727(d)	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	Satisfactory
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General Comment:

At several locations staff observed meter sets where service had been discontinued, at these locations the operator used pin locks, and pipe plugs to prevent the customer from gaining access to natural gas.

CATHODIC PROTECTION		Status
<u>Category Comment:</u>		
Staff did not perform any pipe to soil readings during this field audit.		
192.463(a)	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	Not Checked

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192.465(a)	Were pipe to soil readings taken?	Not Checked
192.465(b)	Were rectifier installations inspected?	Not Checked
192.465(a)	Were isolated mains/services tested?	Not Checked
192.465(c)	Were critical/non critical bonds tested?	Not Checked
192.467(a)	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	Satisfactory
192.467(c)	Were casings installations tested for electrical isolation?	Not Checked
192.479(a)	Is the above ground piping coated or painted as required?	Satisfactory
192.479(c)	Is the pipeline free of corrosion or pitting?	Unsatisfactory

Issue Comment:

Staff found a meter set at Cherry Vale Mall, meter number NG4287386, with possible disbonded coating. Staff also found some atmospheric corrosion issues with the following Pressure Regulating Stations; Linden Road & Mulford Road, Harrison Avenue & Ohio Parkway Street, Simpson Road & US Route 20. Staff advised the operator that the atmospheric corrosion issues need to be corrected.

DAMAGE PREVENTION	Status
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Category Comment:

The operator did not have a valid notification of planned excavation activities at the time of this audit.

Line markers were observed at the regulating stations, all line markers meet the requirements of the section below that pertain to line markers.

192.614	Does the operator have a valid notification of planned excavation activities?	Not Checked
265.40(a)	Did the operator complete the locating activities in the specified timeframe?	Not Checked
192.614(c)(5)	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Not Checked
192.707(a)(1)	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	Satisfactory
192.707(a)(2)	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	Satisfactory
192.707(c)	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	Satisfactory
192.707(d)(1)	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	Satisfactory

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192.707(d)(2)	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	Satisfactory
PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)		Status
<u>Category Comment:</u> <i>Staff inspected the following regulator stations:</i> <i>Charles Street & Mulford Road</i> <i>Linden Road & Mulford Road</i> <i>Linden Road & Thompson Road</i> <i>Harrison Avenue & Forest View Road</i> <i>Harrison Avenue & Ohio Parkway Road</i> <i>Harrison Avenue & Hartman Street</i> <i>Harrison Avenue & Kishwaukee Street</i> <i>Fisk Road & Kelly Road</i> <i>Simpson Road & US Route 20</i> <i>Irene Road & US Route 20</i> <i>Appleton & US Route 20</i>		
192.739(a)(4)	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	Satisfactory
192.317(b)	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	Satisfactory
192.741(a), 192.741(c)	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	Not Checked
<u>General Comment:</u> <i>Staff did not review any charts during this field inspection.</i>		
192.743(a)	Is overpressure protection provided on the pipeline down stream of the take point?	Satisfactory
<u>General Comment:</u> <i>The down stream overpressure protection is provided by Nicor Transmission Zone.</i>		
192.199(d)	Did the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	Satisfactory
192.199(e)	Did the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	Satisfactory
192.199(h)	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	Satisfactory
VALVE MAINTENANCE		Status

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<u>Category Comment:</u> The following valves were inspected: Fire Valve #3513374 Fire Valve #3513244 Fire Valve #3513514 Fire Valve #3513404 Fire Valve #3597666 Fire Valve #3519925 Fire Valve #3597773 Fire Valve #3597168 Fire Valve #3597036 Fire Valve #3501168 Fire Valve #3513414		
192.747(a)	Were the valves inspected accessible?	Satisfactory
ODORIZATION OF GAS		Status
<u>Category Comment:</u> Staff did not conduct any odor intensity level check during this field audit.		
192.625(a)	Was the odor intensity level readily detectable at or below 1/5th LEL?	Not Checked
192.625(e)	Was the Odorization equipment and tank levels inspected?	Not Checked
192.625(f)	Was the operator's equipment calibrated as required?	Not Checked
TRANSMISSION		Status
<u>Category Comment:</u> Staff did not inspect any transmission related issues during this audit.		
192.179(b)(1)	Are transmission valves protected from tampering or damage?	Not Checked
192.745(a)	Were the valves inspected accessible?	Not Checked
192.719(a)	Is pre-tested transmission pipe inventory maintained for use in an emergency?	Not Checked
MARKING OF MATERIAL		Status
<u>Category Comment:</u> Staff did not inspect any company inventory to verify that the operator's components were marked as required.		
192.63(a)	Does the operator's components and pipe contain the required markings?	Not Checked
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		No
<u>General Comment:</u> Staff did not observe any employees working in the field so the Form 15 was not completed.		

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